

ASSOCIATE ENVIRONMENTAL ENGINEER

DEFINITION: Under general supervision, performs beginning level professional environmental engineering duties of a routine nature with specific instruction and guidance on work assignments; performs a planned learning progression of the duties and responsibilities described at the next higher level of the environmental engineering group; duties assigned are to familiarize incumbents with the more difficult environmental engineering work; performs related work as assigned.

ESSENTIAL FUNCTIONS: This list is ILLUSTRATIVE ONLY and is not a comprehensive listing of all functions and tasks performed by incumbents of this class.

TASKS:

Carries out assignments in accordance with detailed instructions and established program procedures; typical assignments consist of the following and may vary in complexity: assists upper level management and/or scientific staff in the inspection and observation of engineering projects for compliance with governing environmental laws of the Navajo Nation; relieves higher level scientific staff of routine work by application of academic theories governing environmental projects.

Consults supervisor and/or higher level scientific staff where work deviates from prescribes scientific methods; participates with scientific staff and/or supervisor in conducting and reporting on inspections and investigation of environmental engineering designs, construction and activities; conducts routine sampling and observation while on site; reports results of sampling; prepares routine reports.

KNOWLEDGE, SKILLS AND OTHER CHARACTERISTICS:

Knowledge of principles and practices of environmental engineering.

Knowledge of engineering design of manufacture apparatus, building, plant facilities and components.

Knowledge of applicable Navajo Nation, federal and state environmental laws.

Knowledge of application and impacts of air quality in environmental engineering and the environment, and near-surface atmospheric contaminant fate process.

Knowledge of economics, costs, benefits and risks associated with environmental impacts.

Knowledge of computer hardware, software and peripherals.

Knowledge of research methods and practices.

Ability to apply academic theory and basic principles of environmental engineering.

Ability to apply basic mathematical formulas to routine calculations.

Ability to communicate effectively, both orally and in writing.

Ability to read and understand plans and specifications and make factual comparisons to appropriate regulations.

Ability to enforce, comply and assure safety standards and health regulations.

Ability to make technical computations and calculations involving the application of engineering principles.

PHYSICAL REQUIREMENTS AND WORK ENVIRONMENT: Work requires attention to detail with potential exposure to loud noises, dust, toxic chemicals and fumes when working on site.

MINIMUM QUALIFICATION:

- A Bachelor's degree in Environmental, Chemical or Civil Engineering, Environmental Science or related field of academic discipline.

PREFERRED QUALIFICATIONS:

- Six (6) months experience using GIS equipment.
- Proficient in Microsoft Word software and other computer applications.

THE NAVAJO NATION

Class Code: 3318
Engineering Series
Environmental Engineering Group
Overtime Code: Exempt
Pay Grade: 63

ASSOCIATE ENVIRONMENTAL ENGINEER

SPECIAL REQUIREMENTS:

- Possess a valid state driver's license.

Supplemental Requirements:

Incumbent must obtain a Navajo Nation Vehicle Operator's Permit within 90 days of date of hire.

Depending upon the needs of the Nation, some incumbents of the class may be required to demonstrate fluency in both the Navajo and English languages as a condition of employment.